

TROPICAL

T W O T H O U S A N D F I V E



FEATURES • MATERIALS • METHODS • SUPPORT

WELCOME TO PARADISE...

...THE 2005 TROPICAL

The 2005 Tropical is more than just a great luxury diesel motorhome. It's a statement of who you are. It's built for fun and adventure. It's comfortable yet always functional. It exudes elegance without pretense. It's open and free, and ready to go whenever you are. It's your familiar sanctuary no matter how far you travel—it's Your Own Private Island™. In a word, the 2005 Tropical is paradise.



TROPICAL T370 • RAINFOREST • WALNUT

A 41-YEAR LEGACY OF RV EXCELLENCE!

Over the past 41 years, National RV has grown from a small camper manufacturer to one of America's premiere builders of class "A" motorhomes. Our loyal customers have grown up with us, graduating from campers to mini motorhomes to luxury diesel pushers right along with us. Loyal National RV customers have been there for us as long as we've been here for them.



Breaking Ground at National RV's new Perris, CA facilities, 1985



San Fernando, CA home of Dolphin Camper Company, 1968-1971.



SINGLE LOCATION MANUFACTURING

National RV has experienced phenomenal growth over the past forty years but has grown by reinvesting in its own products and facilities in sunny Southern California. Designing and building everything at a single location results in consistent quality across product lines, increased efficiencies and a stable, loyal workforce in the company's home community. When you buy a National RV, you'll never wonder whether it came from our "best" plant. They're all built in Perris, and they're all the best we can do.

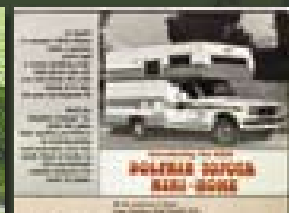
TROPI-CAL'S 40-YEAR HERITAGE

TIMELINE

1964 Dolphin Camper Company is born and soon gains a reputation for quality and customer satisfaction.



1976 Dolphin invents the "micro-mini" motorhome, signaling its entry into the motorized RV marketplace.



1986 Newly re-named National RV introduces the first Dolphin class "A" with a new level of luxury and styling.



1990 National RV's Dolphin is an early adopter of the "basement" style coach and chassis design.



ALWAYS LOOKING FORWARD

Four decades have passed since our humble beginnings, yet there is still so much to learn. Emerging technologies, demographics and customer wants are constantly shaping the idea of what a



motorhome should be. National RV's product development team is driven by customer feedback and the possibilities of new technologies. With a history of important innovations and patents already under our belt, National RV continues to research, develop, and invest in the latest manufacturing technologies to ensure ever increasing levels of quality and efficiency.

TROPI-CAL

Experience diesel performance and highline luxury at the attainable price and legendary quality of a National RV. Tropi-Cal and Tropi-Cal LX feature 350 horses of Cat diesel power and some of the most beautifully appointed interiors available in a coach at any price. Flip through these pages—or better yet, walk through a 2005 Tropi-Cal at your nearby National RV dealer—and see for yourself why so many motorhome enthusiasts are choosing Tropi-Cal.



TROPI-CAL KEY FEATURES

CHASSIS & DRIVETRAIN

- Freightliner® XC raised rail chassis
- Patented Duraframe® Chassis System
- Caterpillar® C7 350HP diesel engine
- Allison® MH3000 6-speed automatic transmission with 2 overdrive gears

INTERIORS

- Professionally designed interior decors with rich, color-coordinated fabrics, ceramic floor tile, backsplash accent tile and Corian® countertops
- "Sandpiper Deluxe" residential style inner spring pillow top mattress
- Kustom-Fit® steel framed furniture
- Multiple entertainment features

HEATING & AIR CONDITIONING

- Dual 13,500 BTU low-profile ducted roof air conditioners
- Dual 20,000 BTU furnaces

ELECTRICAL & PLUMBING SYSTEMS

- Onan® 7.5kW Quiet Diesel generator
- 2,000 watt inverter/converter
- One-piece fiberglass shower
- 10 gallon gas/electric water heater

EXTERIOR FEATURES

- Electric patio awning with metal cover
- Full gelcoat fiberglass exterior
- Five triple-slide floorplans in coach lengths from 35 to 39 feet

See complete Features List on pages 22-23.

Today's Tropi-Cal is the culmination of over 40 years of engineering and refinement to satisfy the most discerning RV enthusiasts in the world—our customers.



TAKE A VIRTUAL FACTORY TOUR!

Building a Better Motorhome

Every RV manufacturer knows HOW to build a better motorhome; National RV chooses to DO IT. Fundamental concepts—steel is stronger than aluminum, block foam insulation won't sag like blanket insulation—determine the quality of a motorhome over the long haul. National RV chooses to adhere to those concepts. And with thousands of National RV products on the road and in use today (some for nearly 40 years now) the success of this strategy is evident in every happy owner. To learn more about what it takes to build a better motorhome, follow the virtual factory tour, which begins right here!

Computer Aided Design

Every motorhome begins as an idea. In our Engineering Department, skilled drafters use the latest Computer Aided Design software to model the coach in cyberspace, ensuring a proper design and true fit of every component **before** a single piece is machined or cut.



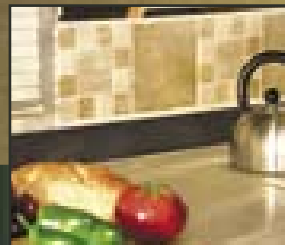
Prototyping and Toolmaking

All molds, jigs and other manufacturing fixtures are built and maintained in-house to ensure consistent quality from part to part. While National RV takes pride in its use of the latest technologies wherever possible to improve manufacturing quality and efficiency, certain tasks still require the hands-on attention of skilled craftsmen. National RV's toolmakers are an excellent example, crafting by hand the molds and jigs that will ensure the consistent style and quality of production pieces for months and years afterward.



TROPI-CAL IS A STATE OF MIND

Get away from it all without getting away from it all. Whether Tropi-Cal is your ticket to glorious adventure or leisurely rambling, everywhere the road takes you is a piece of paradise. Cradled in luxurious appointments, wide open spaces surrounded by the comforts of home...what more could paradise be?



CAPPUCCINO
Available in Tropi-Cal motorhomes, the Cappuccino décor features warm earth tones and subtle patterns to provide an elegant, inviting interior.

CLICK ON www.nationalrv.com
FOR MORE INFORMATION



TROPI-CAL T396 • CAPPUCCINO • CHERRY



TROPI-CAL T396 • CAPPUCCINO • CHERRY



Custom Vinyl Graphics Tropi-Cal motorhomes feature a sweeping custom exterior graphics package made of durable UV-resistant vinyl against gleaming polar-white fiberglass gel-coat.

RAINFOREST

The Rainforest décor, available in Tropi-Cal motorhomes, features a palette of bright foliage colors with prints and patterns inspired by tropical vegetation.



TROPI-CAL T370 • RAINFOREST • CHERRY



TROPI-CAL T370 • RAINFOREST • CHERRY

TWO FLAVORS OF TROPI-CAL

Tropi-Cal and Tropi-Cal LX feature the same great chassis, powertrain, construction methods, floorplan layouts and many of the same standard features and components. Below is a brief list of the differences that set Tropi-Cal and Tropi-Cal LX apart:



INTERIOR STYLING

- Elegant Cappuccino or Rainforest interior décors (shown this page)
- Upgraded Platinum or Barcelona interior décors (shown pages 8-9)

EXTERIOR STYLING

- Custom UV-resistant vinyl graphics on highly polished polar white fiberglass gel-coat exterior
- Partial paint and vinyl graphics
- Optional Diamond Package includes full body paint, polished aluminum wheels, black awning hardware, black rear ladder and chrome mirrors

FURNISHINGS

- Kustom Fit® freestanding fabric-clad swivel Euro-recliner chair with ottoman standard; available clad in Soft-Touch OptimaLeather® as an option (N/A on models T396 & T398)
- Same chair, but clad in Soft-Touch OptimaLeather® as standard equipment (N/A on models T396 & T398)

FACTORY TOUR CONTINUED

Putting Technology to Work

Throughout the plant, high-tech equipment is used to turn engineered plans into precisely milled components. National RV has invested heavily in the latest manufacturing technologies to ensure consistent quality as well as to maximize manufacturing efficiencies.



A Highly Skilled Workforce

In today's manufacturing environment, it takes skills to remain competitive. National RV has trained thousands of employees in everything from electronics to welding to occupational health and safety.



In-House Manufacturing

National RV strives to build as many of the coach components as possible in-house. From ABS plastic thermo-forming to fiberglass to wiring harnesses, National RV is a **manufacturer**, not merely an assembler. In-house manufacturing enables National RV to closely monitor quality at every stage of manufacturing. Another benefit is that lower costs, as only one company is trying to make a profit on the same component. This is one way in which National RV is able to pack more features—and higher quality—into motorhomes than similarly priced models from competing motorhome "assemblers".



TROPI-CAL LX DEFINES LUXURY LIVING

Tropi-Cal's pièce de résistance is the all new Tropi-Cal LX, featuring all of the luxury accoutrements of Tropi-Cal, "kicked up" a notch. Two exclusive interior décors, Platinum and Barcelona, feature opulent fabrics and textures.

Outside, Tropi-Cal LX is graced with a beautiful paint & vinyl graphics scheme, or choose the Diamond Package with sumptuous full body paint.



TROPI-CAL LX T370 • PLATINUM • CHERRY



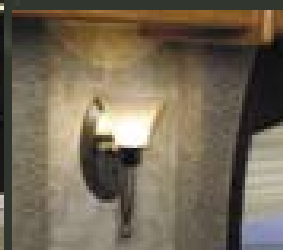
PLATINUM

Available in Tropi-Cal LX motorhomes, the Platinum décor consists of rich, high contrast fabrics and modern patterns and designs, complemented by stainless steel hardware throughout the coach.



TROPI-CAL LX T370 • PLATINUM • CHERRY

Air Dream™ Sleeper Sofa (above) with exclusive "air over coil" technology. Your guests will be sleeping in a level of comfort uncommon to typical "bar-in-your-back" sleeper sofas.



Elegant Light Fixtures enhance the stately opulence of Tropi-Cal's interior



Paint and Vinyl Custom Graphics

Tropi-Cal LX features a custom exterior graphics scheme of meticulously applied Sikkens paint and durable UV-resistant vinyl, in a choice of two vibrant color palettes (please see back cover).



TROPI-CAL LX T370 • BARCELONA • MAPLE



BARCELONA

The opulent browns and tans of the Barcelona décor available on Tropi-Cal LX motorhomes exude luxury and refinement uncommon among motorhomes in Tropi-Cal's class.



TROPI-CAL LX T370 • BARCELONA • MAPLE

DIAMOND PACKAGE

The Diamond Package is a complete exterior appearance package offered as an upgrade only on Tropi-Cal LX motorhomes. Included in the Diamond Package are:

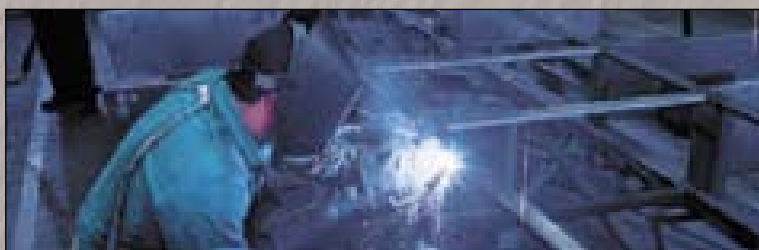
- Lustrous full body paint in a custom sweeping design, meticulously applied in a multi-stage process in National RV's state-of-the-art paint facilities.
- Polished aluminum wheels
- Chrome mirrors
- Black awning hardware
- Black rear ladder



FACTORY TOUR CONTINUED

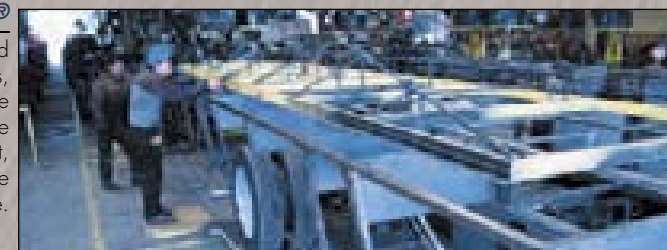
Cold Hard Steel

All of the structural components of the motorhome—subfloor structure, sidewalls, floors, bulkhead and the arched roof—are fabricated from steel. Competitors may use aluminum, wood or other materials to save costs, but none are as strong as cold hard steel.



The Patented Duraframe®

In the chassis shop, the patented Duraframe® all-steel subfloor system is constructed on precision assembly jigs. Fabricated from carefully formed steel components, the Duraframe® is welded at every joint to provide unyielding strength over the long haul. The completed Duraframe® substructure is carefully lowered onto the motorhome chassis then the two are welded together to form a permanent, super-strong structure. Next, a generous coat of rust-inhibiting paint is applied to the entire assembly before it enters the main assembly line.



ENTERTAINMENT & CONVENIENCE

Many thoughtful amenities help make Tropi-Cal the most livable coach around. From usable storage space carved into every available nook to a wide array of entertainment features and options, you may even forget that you're in a motorhome... until you realize you're in a Tropi-Cal.



Optimal leather clad cockpit seating swivels around to create a comfortable conversation area

Computer workstation includes phone/data, 12V and 110V receptacles

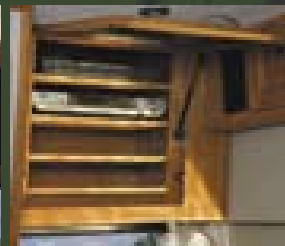
CLICK ON www.nationalrv.com FOR MORE INFORMATION



Storage Space is found in every conceivable location, including the dinette seats.



27" Flat Screen TV enjoy programming from the cable TV hookup, TV antennae or optional KingDome® satellite dish



VCR/DVD Combo Player with video distribution unit to route programming to bedroom and optional patio TV



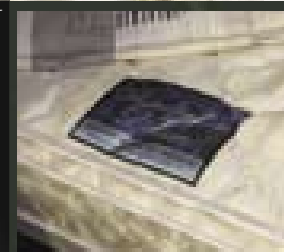
TROPI-CAL LX T370 • BARCELONA • MAPLE

BED, BATH & HALL

The attention to detail unique to Tropi-Cal extends to the farthest reaches of the coach, down the hall and into the bedroom. Wherever you look, National RV has stacked the deck against the competition with quality and style.



TROPI-CAL LX T370 • PLATINUM • CHERRY



Sandpiper Deluxe is National RV's exclusive comfort pillow top mattress

One Piece Fiberglass Shower manufactured "in-house" at National RV to ensure quality, this shower is crafted of thick fiberglass with plenty of reinforcement for a sturdy, rigid feel. Step into a competitor's shower and you'll feel the difference as the lower quality shower pan gives under your weight.

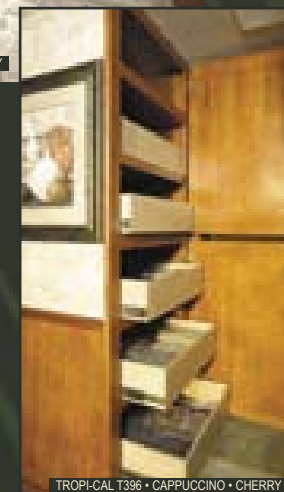
National RV Shower:



Competitors' Shower:



TROPI-CAL LX T370 • PLATINUM • CHERRY



Plenty of Storage Space is featured in every Tropi-Cal floorplan



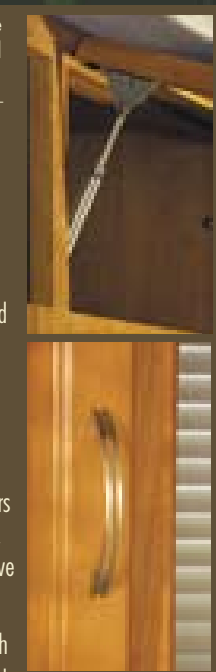
TROPI-CAL T396 • CAPPUCCINO • CHERRY

His and Hers Wash Basins
Every Tropi-Cal motorhome is equipped with two wash basins so you'll never have to wait

SUPERIOR CABINETY CONSTRUCTION

Take a close look at the cabinetry inside a Tropi-Cal motorhome. You'll find many thoughtful details that set Tropi-Cal apart:

- Carpet lined kitchen cabinets reduce noise and protect your pots and pans during transit.
- Solid wood raised panel cabinet doors in living area and bedroom overheads.
- Beautiful residential quality pulls, hinges and hardware.
- Telestrut hardware on upward opening overhead cabinet doors conveniently holds them open, then holds them in their positive catches when closed.
- Storage space everywhere such as a convenient vertical pull-out pantry and huge storage areas under the dinette seats with convenient slide-out storage bins
- Superior fit and finish with tight cabinet-to-wall fit; compare this to the large gaps covered with gimp molding on competitors' motorhomes — **there is no gimp molding in a Tropi-Cal!**



Gimp molding hiding gaps on competitor's motorhome. This is **NOT A NATIONAL RV!**

FACTORY TOUR CONTINUED

Cabinet Shop

In another part of the plant, cabinetmakers are busy crafting the wooden fixtures to be placed inside the coach. Computer Aided Design (CAD) provides precisely fit components, then skilled craftsmen bring them together into a sturdy, elegant finished product.



Assembly Line

Once it arrives on the assembly line from the chassis shop, the building of the coach "house" begins. The floor is laid, cabinets set into place, and all wiring and plumbing routed.



All Welded Tubular Steel Coach Body Frame

In the coach body shop, all coach body components—sidewalls, floors and roofs—are constructed with frames of tubular steel. Here is where precision pays off, as a properly fabricated wall frame will ensure a tight coach body structure over the long haul.



A KITCHEN FIT FOR A GOURMET

Grilled cheese or stuffed manicotti? Simple or complex, meals are a pleasure to prepare in Tropical's modern, fully outfitted kitchen. A large GE® convection microwave oven and your choice

of refrigerators up to 12 cubic feet are sure to delight the chef in the family.



Carpet-Lined Base Cabinets keep the pots and pans quiet while traveling



Hand Laid Ceramic Tile with decorative inserts.

12 cu. ft. side by side refrigerator with ice maker (shown in all photos) is a popular option

Quality Drawer Construction
Accuride® steel ball bearing drawer glides provide 45 lbs. of smooth operating drawer capacity; compare that to competitors' 7 lb. drawer capacity using plastic drawer glides. These drawers are constructed using the time-honored dovetail joint method, not staples. Each drawer is finished with a solid hardwood drawer front for lasting beauty and structural integrity.



Pull-Out Cabinet Trays make it easy to reach those seldom-used items that tend to get pushed to the back



High Output Cooktop with three burners and removable Corian cover



Silverware Drawer is now 1" deeper and features a Rubbermaid organizer



Stainless Steel Under-Mount Sink with Corian cover



Corian Counter Extension (optional on T350 & T370) provides extra space when you need it, stows away when you don't

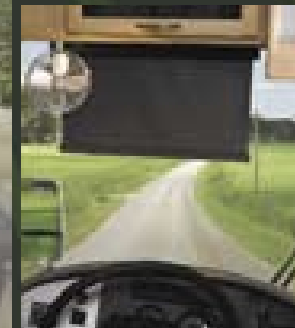
DRIVING COMFORT

Since getting there is half the fun, we've made Tropical's cockpit a place of comfort, convenience and performance. Long days behind the wheel will fly by with everything you

need to enjoy your driving experience at your fingertips.



Optional Side Sun Shade easily deploys and stows away when not in use.



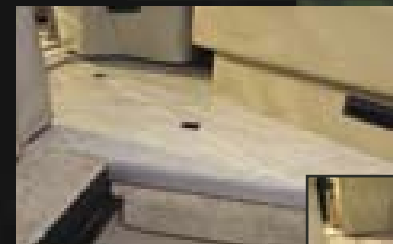
Electric Sunvisor deploys at the touch of a button.



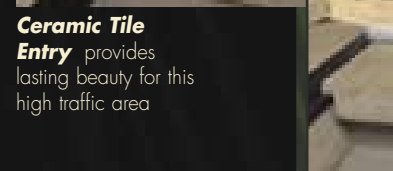
Instruments are clearly and intuitively labeled, and switches are illuminated for easy night time identification.



Rear Vision Camera with up-down pan



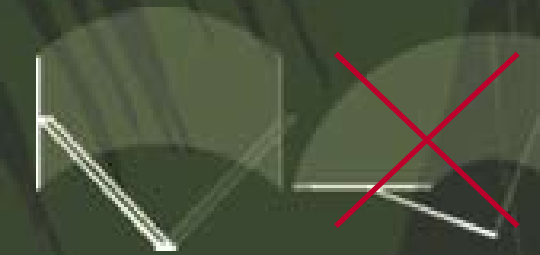
Stepwell Cover automatically deploys for more floor space



Ceramic Tile Entry provides lasting beauty for this high traffic area



Pantographic Windshield Wipers (left) clean a wider swath of windshield than typical radial windshield wipers (right) of similar blade length.



KUSTOM-FIT® SEATING

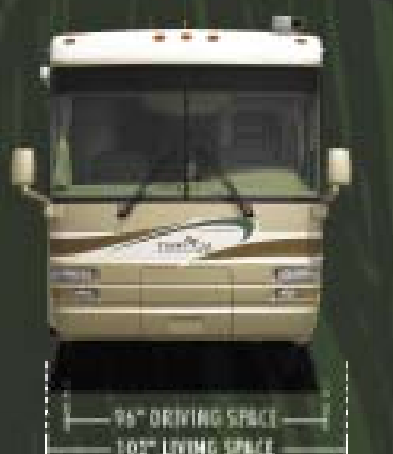
Built especially for National RV, this cockpit and living area seating exceeds the comfort and quality of furniture in much more expensive "highline" motorhomes. The exclusive cold poured foam and fully welded steel frames will provide years of driving and relaxation comfort



COLD Poured SEAT FOAM HAS A 10 YEAR WARRANTY!

Each cushion is formed as a single piece, molded in the correct shape. Competitors' seats are pieced together from blocks of foam which can come unglued and fall apart.

STEEL SEAT FRAME Constructed of welded tubular steel for superior strength; carries a lifetime warranty.



96" Driving Space The contoured fiberglass lower skirt effectively creates a 96" (standard width) driving space for a coach that boasts all of the living space of a 102" wide body motorhome. This makes it easier to maneuver through parking lots and tight spaces without striking curbs and other obstructions with the coach's lower body skirting.

FACTORY TOUR CONTINUED

A Cocoon of Insulation
The entire coach is literally surrounded in high density EPS block foam insulation. Each piece is precisely cut to fit between the members of the tubular steel frame then laminated into place. This insulation will never settle or sag like fiberglass blanket insulation.



Vacuum Lamination
All coach body panels are vacuum laminated for unequalled strength and durability. This process uses advanced adhesives and vacuum to bond the various input components into a single, inseparable unit.



Advanced Industrial Adhesives
National RV's lamination process uses specially formulated adhesives to permanently bond the components together into a single, inseparable piece. Computer controlled extruders precisely meter the adhesive on to the workpiece between each layer of the assembly. As the extruder passes, a fine mist of water is emitted over the adhesive as a catalyst. From this point, skilled workmen move swiftly to complete the assembly and move it into the vacuum table before the adhesive begins to cure.



AVAILABLE FLOORPLANS

T350

Shown with optional 12 cu. ft. refrigerator with ice maker, which deletes the pantry in the kitchen slide-out.



T370

Shown with optional retractable dining table with chairs and wall storage cabinet with shelf, in place of the standard booth dinette.



T396

Shown with optional 12 cu. ft. refrigerator with ice maker, which deletes the pantry in the kitchen slide-out.



T398

Shown with optional retractable dining table with chairs and wall storage cabinet with shelf, in place of the standard booth dinette.



T399

Shown with optional 12 cu. ft. refrigerator with ice maker, which deletes the pantry in the kitchen slide-out.



CLICK ON www.nationalrv.com
FOR MORE INFORMATION

FOUR SEASONS COMFORT

Year-Round livability is engineered into every aspect of a Tropi-Cal motorhome.

DUAL IN-CEILING INSULATED AC DUCTS

With adjustable registers to ensure even climate control or targeted climate zones

CENTRALLY LOCATED MONITOR PANEL

With automated climate controls.

DUAL 13,500 BTU LOW PROFILE ROOF AC UNITS

Low profile units for better clearance.

DUAL 20,000 BTU DUCTED FURNACES

With direct spark ignition.

A COCOON OF INSULATION

The entire coach is enveloped in highly efficient EPS block foam insulation, laminated right into the sidewalls, floor and ceiling.

FAN-TASTIC® VENT

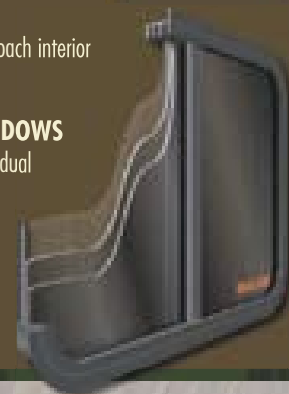
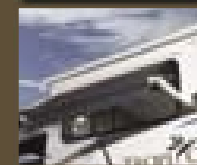
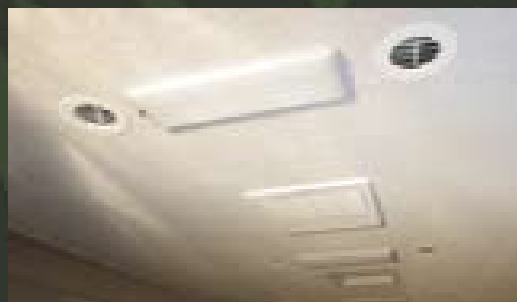
With thermostat and rain sensor for automatic coach ventilation.

OPTIONAL WINDOW AWNINGS

Help to protect the coach interior from direct sunlight

DUAL PANE WINDOWS

Standard equipment dual pane windows are insulated and tinted for UV protection.



FACTORY TOUR CONTINUED

In the Basement

Stylishly contoured molded fiberglass compartment doors flank either side of the coach. EPS foam insulation runs throughout the basement floors, ceiling and doors. Paddle latches and gas charged struts aid in opening compartment doors with ease.



Reap What We Sew

National RV's professionally designed interior décors come to life in the upholstery shop, where bolts of opulent fabrics are transformed into richly decorated window treatments, throw pillows, bedding and more.



The Main Assembly Line

The heart of National RV's production facilities is the main assembly line. Here, a never-ending procession of motorhomes makes its way sideways through the plant on a specialized rail system. A veritable beehive of activity, the main line is where most of the coach's manufactured components are installed—name brand appliances, comfortable furnishings, interior lighting and fixtures. Near the end of the line, special UV-resistant graphics are applied and a nearly complete new motorhome emerges.



FULL FEATURED INSIDE & OUT!

Walk around a Tropi-Cal and you'll discover an uncommon attention to detail. Open a storage compartment door and see through the cavernous storage bays, all the way to the other side. Run a hand along the sleek, molded fiberglass body panels and feel the quality that sets Tropi-Cal apart from the others.



Low Profile Roof AC units provide better overhead clearance

FULL-FEATURED ELECTRICAL SYSTEM



50 Amp Service & Cord provide plenty of shore power for comfortable living. Power cord plugs into sidewall receptacle for easy hookup and storage.

2,000 watt inverter/converter with remote on/off switch.

Four 6V deep cycle house batteries and two 760 CCA 12V maintenance-free chassis batteries.

Remote battery disconnect switch allows quick, convenient isolation of house batteries to prevent power drain.

Onan® Quiet Diesel Generator The reliable Onan® 7.5 kW Quiet Diesel generator provides plenty of power no matter how far you are from civilization.

Resettable Breakers Control of Tropi-Cal's advanced house electrical system is at your fingertips with an ingenious new breaker panel conveniently located inside the coach. Now, rather than having to carry—and find—extra fuses whenever a circuit is overloaded, simply push the breaker to reset it. All circuits are clearly labeled for easy identification.

Wall Switches for Ceiling Lights are centrally located to make turning ceiling lights on or off more convenient.

4-Point Hydraulic Leveling Jacks are more reliable and provide better stability than 3-point and pneumatic leveling systems

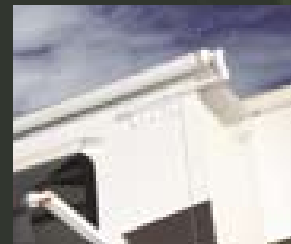


Electrical Utility Compartment is neatly organized for easy troubleshooting.



Interior Circuit Breaker Panel is clearly labeled for quick troubleshooting

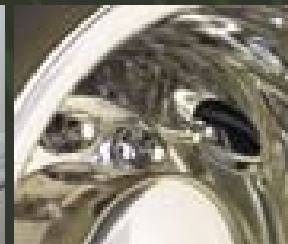
Cavernous pass-through storage bays provide plenty of cargo space for your gear



Slide-out topper awnings keep runoff and debris off of the slide-out box



Flush-shut slide-out seals provide a sleek appearance and reduced wind noise



Valve extensions make the job of checking tire pressure quick and easy



Contoured fiberglass caps provide sleek automotive styling and aerodynamics

Halogen automotive headlights provide a broad pattern of bright, white light

FULL-FEATURED PLUMBING SYSTEM

All plumbing controls are clearly labeled, intuitively arranged and housed in a molded ABS, easy-to-clean compartment with drainage basin.

Inlet to pump allows drawing fresh water from any external tank or vessel. City water inlet is also provided for pressurized water hookups.

Thoughtful conveniences include an outside shower and soap dispenser.

Color-coded water lines throughout the coach allow easy identification for quick troubleshooting.

Three water pump switches conveniently located at kitchen, bathroom and plumbing compartment.



BASEMENT COMPARTMENTS



Tropi-Cal's storage compartments rival those of motorhomes costing thousands more, and far surpass any competitors in Tropi-Cal's price range.

FIBERGLASS DOORS

The industry standard is to save thousands of dollars at your expense by using cheap, plain looking flat panel compartment doors. By contrast, Tropi-Cal's compartment doors are hand made with a stylishly contoured, molded fiberglass shell. Unlike the industry standard flat panel doors, these doors curve inward closer to the road to avoid rocks, curbs and other road hazards. EPS block foam insulation is laminated into the door, which is finished with a durable stainless steel piano hinge and convenient paddle latch.

LAMINATED FLOORS

Tropi-Cal's storage compartment floors are made with the same vacuum lamination process as the sidewalls, roof and coach floor. This includes sturdy 1/4" decking and thick EPS block foam insulation. Compare Tropi-Cal's storage compartments to the industry standard rotocast plastic "tubs" that are cheaper, weaker and provide no insulation value.

GAS CHARGED STRUTS

Dual gas charged struts make loading and unloading gear a breeze. They lift the door for you, then hold it up out of your way.

FACTORY TOUR CONTINUED

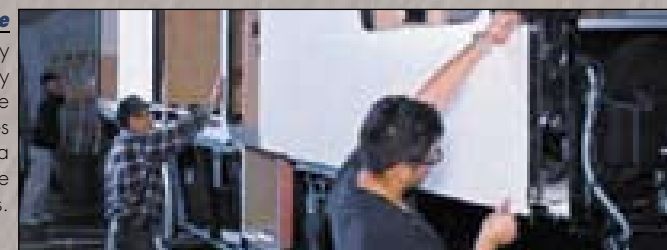
CNC Precision

National RV has been at the forefront of implementing new technologies in RV manufacturing. An excellent example is the CNC router. This advanced machine uses a computer-numerically-controlled (CNC) router to precisely cut windows and other openings in the sidewalls. Routed-out pieces aren't wasted—they're further shaped into insulated, sound-deadening panels for our heated basement storage compartments.



It's Starting to Look Like a Motorhome

By the time the sidewall is set into place on a National RV motorhome, many man- and machine-hours as well as the best materials and methods have already contributed to creating the sturdiest and all around best-performing motorhome sidewalls available. National RV's unique method for attaching the sidewall places no shear forces on the fasteners. Rather, the weight of the sidewall rests upon a sturdy ledge of steel. Screws are used to hold the wall laterally to the edge of the coach floor, but do not bear the weight of the sidewall and roof assemblies.



FREIGHTLINER/DURAFRAME CHASSIS SYSTEM

A great home needs a solid foundation, and that's exactly what Tropi-Cal's Freightliner XC-Series chassis and National RV's Duraframe provide. Together they form the Duraframe Chassis System, the strongest platform around on which to build a fully equipped multiple slide-out luxury motorHOME.

FREIGHTLINER XC SERIES CHASSIS

At the heart of Tropi-Cal is the proven Freightliner XC-Series chassis, integrated into the Duraframe Chassis System. The XC-Series chassis benefits from a distinguished heritage that combines the automotive engineering excellence of DaimlerChrysler with the innovative, heavy-duty experience of Freightliner. Combining these two philosophies results in a car-like driving experience with long-lasting quality and durability.



Raised Rail Chassis Design

Enables huge, flat-floor pass-through basement storage compartments

THE DURAFRAME CHASSIS SYSTEM

The Duraframe Chassis System is a marriage of National RV's patented Duraframe® all steel subfloor technology and the Freightliner® XC-Series chassis. The Duraframe® Chassis System is specifically engineered to provide the strength that today's multiple slide-out motorhomes require—all within the chassis

system itself. Other manufacturers rely on the coach sidewalls to absorb much of the stresses of traveling and carrying the coach's weight. But the multiple slide-outs of today's luxury motorhomes blow huge holes in that strategy. That's why the Duraframe® Chassis System builds all of

the strength necessary to support the coach into the chassis system itself—below the floor line and below the slide-outs. Rigidly fabricated of welded tube and plate steel, the Duraframe® Chassis System provides all of the necessary structural rigidity to the coach while also enabling

huge bus-like pass through basement storage bays. Open the compartment doors of a Tropi-Cal and you'll not only see a wide expanse of deep, flat-floor storage space, you'll see all the way to the other side!



10,000 lb. Tow Hitch

Tropi-Cal's Class III hitch is anchored directly to the all-steel Duraframe® Chassis System structure.

Rigid Mounted Components

like the LPG tank, generator and other equipment are rigidly anchored in the cold hard steel of the Duraframe® Chassis System.

Tubular Steel Risers

made of thick-wall rectangular steel tubing lift the coach floor above the chassis rails to provide deep storage bays with pass-through versatility.

Flush Floor Slide Mechanism

technology provides residential livability. Precise rack and pinion slide mechanisms are attached directly to the Duraframe® for superior support.



Neway Air Suspension

The ADL rear suspension is designed to absorb roll forces through its *Transverse Beam*, permitting the use of softer, ride-optimized air springs. The upper *Torque Link* helps maintain a constant pinion angle, minimizing driveline vibration and universal joint and pinion bearing life.



Caterpillar C7 Engine

The Caterpillar C7 engine is engineered for power, reliability and efficiency while meeting the tough new emissions standards for diesel engines.

- 7.2L displacement
- 350 peak HP @ 2,400 RPM
- 860 lbs./ft. Peak torque @ 1,440 RPM
- Pac Brake exhaust brake



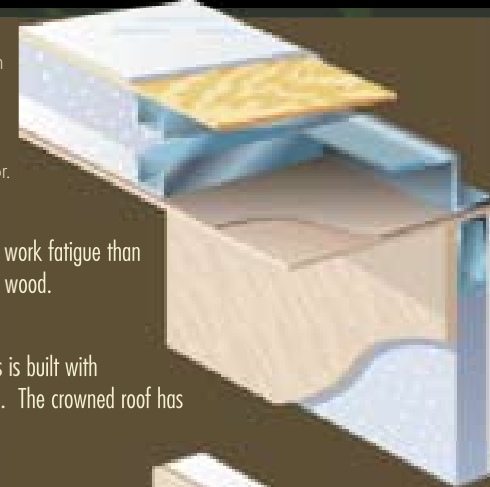
Allison MH3000 Transmission

The 6-speed MH3000 continues Allison's tradition of reliability, drivability and performance. Driving is a breeze with electronic touch pad shifting and computer controlled operation and transmission diagnostics.



SUPERIOR COACH BODY CONSTRUCTION

National RV uses an advanced vacuum lamination process and the highest quality materials in the construction of the fully insulated roof, walls and floor.



TUBULAR STEEL FRAME

Stronger and less susceptible to work fatigue than aluminum and won't decay like wood.

CROWNED ROOF

The best RV roof in the business is built with arched tubular steel roof trusses. The crowned roof has radius edges for superior runoff.

FIBERGLASS ROOF SKIN

A seamless barrier against moisture; more durable and easier to maintain and repair than rubber or aluminum.



1/4" STRUCTURE-WOOD®

This oriented strand board (OSB) from Weyerhaeuser carries a 25 year warranty and is used for both the roof deck and interior ceiling panel.

EPS BLOCK FOAM INSULATION

Used throughout the coach in every laminated coach body component. This foam won't settle or sag like spun fiber-glass insulation. Insulation is up to 6" thick in the roof, and completely surrounds the coach living areas. It's even in the floor!

A BETTER WAY TO MOUNT A SIDEWALL

The National RV sidewall is placed *on top* of the steel floor framework. Some manufacturers use screws to fasten the sidewall horizontally to the edge of the floor. This places the fastening screws under an enormous amount of shear force, and the sidewall—and everything above it, such as the roof—is literally being held up by a few small screws! With the National RV method, the weight of the sidewall rests on the steel framework of the floor. Which would you prefer?

1/4" THICK MAHOGANY PLYWOOD INTERIOR WALL PANEL

A thick, firm interior wall surface that's tough enough to anchor our cabinetry...and whatever pictures or fixtures you care to hang, wherever you want to hang them. Competitors' thin interior wall surfaces "give" when you push them, revealing their weakness beneath the surface, with reinforcements built in only where necessary to attach cabinets. Our interior wall surfaces are 1/4" thick and rigid throughout!

HIGH GLOSS GELCOAT EXTERIOR

Exterior sidewall surface is made of a high gloss fiberglass gelcoat that is *molded into* a luan backing then vacuum laminated to the sidewall structure. The result is excellent resistance to delamination and long-lasting great looks.

Steel Outriggers

The Duraframe® Chassis System uses rigid sheet steel outriggers to provide uniform coach support from the center to the edges. Truss-like arrangement of outriggers and other steel members provides unmatched strength and rigidity to the overall motorhome.

All Steel Bulkhead

Combined with the tubular steel cage-like frames of the sidewalls and roof, the driver and passenger are surrounded by a safety barrier of cold hard steel.



FACTORY TOUR CONTINUED

Hand Molded Fiberglass

Front and rear caps, compartment doors and one-piece showers are manufactured in National RV's state-of-the-art fiberglass production facilities. Pure unfilled resins and quality glass fiber are applied, with extra reinforcement applied in critical areas.



Whiter Whites

The gleaming high gloss gelcoat of the fiberglass components will become the beautiful exterior finish of the motorhome. Extra care is taken in the fiberglass finishing shop to buff each component to a mirror finish.



Cap Placement

Front and rear caps are fully loaded with grills, light fixtures and other components before being delivered to the assembly line. Skillful coordination of manufacturing processes are required to ensure a steady flow of components to the line from assembly areas throughout the plant. Once the caps are in place, the motorhome "shell" is complete—with the motorhome surrounded in brilliant, protective, stylishly molded fiberglass. Further up the line, windows and doors are installed as finish work continues on the coach interior and exterior.



BUYING A NATIONAL RV IS JUST THE BEGINNING

When you buy a Tropi-Cal motorhome, you become a member of the National RV family.

From a wide variety of after-the-sale service and support benefits to

supporting our Owners Club and local club rallies and functions, National RV strives to foster a close, mutually beneficial relationship with the owners of our products.



Factory Service Centers
In addition to hundreds of trained service technicians at dealers throughout North America, National RV operates large Factory Service and Parts Distribution Centers in California and Florida. This ensures that the expertise and parts to fix any problem are readily available either at your local dealer or one of these centers.

Emergency Roadside Assistance

National RV provides a complimentary first year of coverage by Coach Net®, America's leading provider of 24-hour emergency roadside assistance. In addition to emergency towing, Coach Net® provides free trip planning, service scheduling assistance, travel maps, coverage for your towed vehicle and much more.



Backed As Well As They're Built

National RV stands behind its product with a fully staffed Owner Services department ready to assist you over the phone toll-free. National RV also boasts one of America's best RV warranties, including a **5 year/unlimited miles** structural warranty and one year/unlimited miles house warranty. Please see the warranty booklet for specific information.



Parts Distribution Centers

on both coasts ensure fast, accurate parts delivery no matter where you are in National RV's vast network of factory authorized service centers.



At National RV, we're fanatics for the RV lifestyle! We promote the RV lifestyle and camaraderie among our owners

through the National RV Owners Club and local chapters. Membership in the Club is free for all owners of National RV products.



Getaways are the highlight of National RV Owners Club membership. These well-organized events are a great opportunity to meet other RV enthusiasts. GetAways are held throughout the year at interesting locations across the United States. Quality entertainment, great food and fun activities are all part of every GetAway. You may also seek the assistance of National RV service technicians, tour the latest National RV products and hear the latest news from company officers.



Special Edition Getaway T-shirts have become coveted mementos from every Getaway event.



THE ISLANDER

The Islander newspaper is published for the benefit of all National RV owners. A subscription to the Islander is included with



National RV Owners Club membership, which is free for all owners of National RV products:

- Product Spotlights
- Tech Tips
- Events Schedules
- Company News
- GetAways
- Reader's Letters
- Interesting Destinations
- Photos and reports from past events
- Regional club info

Ask your dealer for a complimentary copy of The Islander!

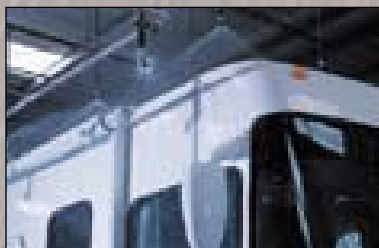
Regional Clubs

Many regional clubs cater to National RV owners in their local areas. National RV is committed to supporting these clubs through the Islander Newspaper, support for local rallies and events, and close cooperation through the GetAways and the National RV Owners Club. To find a National RV affiliated regional owners club near you, please visit the National RV website at www.nationalrv.com

FACTORY TOUR CONTINUED

Quality Assurance

Of course, no National RV hits the road without first undergoing a thorough battery of quality checks. In the rain test booth, every coach is subjected to a simulated rainstorm—with all of the slide-outs extended!



Ready for Delivery!

Finally, quality auditors test every component of the coach for proper operation. After a thorough cleaning, the interior fabrics—carpets, seats and furniture—are covered in protective plastic to ensure delivery of a clean, tidy motorhome.



Seeing is Believing

We invite you to come to the factory and see for yourself the quality workmanship that goes into every National RV. Here you can walk the assembly line and witness the process as raw steel, fiberglass and other components are skillfully crafted into a complete, finished motorhome.

Plant tours are conducted daily at 3:00 P.M. from the main entrance of our manufacturing facilities at 3411 N. Perris Boulevard in sunny Perris, California.



FEATURES AND SPECIFICATIONS

TROPICAL

TROPICAL

■ = Standard Equipment ○ = Optional Equipment

EXTERIOR & COACH BODY CONSTRUCTION

- Duraframe® patented steel sub floor construction
- Steel framed laminated floor
- Steel framed crowned laminated fiberglass roof
- Steel framed laminated fiberglass high gloss walls
- Custom vinyl exterior graphics with two available color schemes
- Custom combination paint and vinyl exterior graphics with two available color schemes
- Diamond packages: (2) Full body paint schemes with (4) colors, (4) aluminum alloy wheels, chrome exterior mirror and black awning hardware, vents, grilles and ladder
- Custom painted four color full body exterior graphics with choice of two color packages (only available with Diamond package)
- Front and rear molded high gloss fiberglass caps and integrated bumper assembly
- Soft fabric ceiling material
- Electric slide-out rooms
- Insulated fiberglass exterior storage compartment doors with integrated paddle latches and gas struts
- Aluminum rear ladder (ladder is black for Diamond package)
- Dring tie downs in basement storage compartments
- Automotive undercoating
- Steel insulated front bulkhead

COCKPIT FEATURES

- Big button AM/FM cassette stereo and CD with four speakers
- Multi-disc CD changer
- Driver and passenger reading lights with switches
- Custom designed dash with full gauge package
- Convenience tray
- Pantographic windshield wipers
- Power steering
- Electronic cruise control
- Douglas® tilt and telescoping steering wheel
- Roof mounted dual chrome trumpet air horns
- Motorized rear vision system with built-in microphone
- White power controlled heated exterior mirrors
- Chrome power controlled heated exterior mirrors with turn indicators (only available with Diamond package)
- Hydraulic leveling jacks with dash mounted controls
- Passenger work station with 12V/120V receptacle and phone jack in console

- Electric sunvisors
- Manual driver side sun shade
- Cup holders
- Two 2-speed dash fans
- Electric stepwell cover
- Wraparound privacy curtain with easy reach wand
- Illuminated stepwell

APPLIANCES & ACCESSORIES

- RCA® 27" flat screen TV in cockpit
- RCA® 20" flat screen TV with A/V jacks in bedroom
- RCA® DVD/VCR combo
- Exterior entertainment package: Includes a 19" TV, AM/FM stereo with CD on a swivel base located in an exterior compartment on a full extension slide tray with two fixed speakers
- Home theater entertainment package: Includes a RCA® DVD digital receiver and speaker/subwoofer system
- 8 cu. ft. double door refrigerator and pantry
- 10 cu. ft. double door refrigerator with ice maker (with pantry)
- 12 cu. ft. side by side refrigerator with ice maker (replaces the slide-out pantry)
- High output three burner cooktop with flush mount Corian® range cover
- High output three burner range and oven
- GE® SpaceSaver convection microwave oven with carousel, built-in light and fan
- Cable TV hook-up and multiple telephone jacks
- Winegard® TV antenna
- Winegard® video control box with antenna boost
- Kingdome® automatic stationary satellite dish
- Combination washer/dryer

FURNITURE

- Kustom Fit® soft touch OptimaLeather® 6-way power driver recliner seat with swivel base and Kustom Fit® soft touch OptimaLeather® manual passenger recliner seat with swivel base
- Kustom Fit® soft touch OptimaLeather® 6-way power passenger recliner seat with swivel base
- Kustom Fit® Hide-A-Bed® fabric sleeper sofa with air mattress
- Kustom Fit® Hide-A-Bed® soft touch OptimaLeather® sleeper sofa with air mattress
- Kustom Fit® soft touch OptimaLeather® sofa
N/A T350, T370 and T399
- Kustom Fit® freestanding fabric swivel Euro-recliner chair with ottoman
N/A T396 and T398
- Kustom Fit® freestanding soft touch OptimaLeather® swivel Euro-recliner chair with ottoman
N/A T396 and T398

INTERIORS

Throughout Coach

- Maple paneling and doors
- Cherry paneling and doors
- Walnut paneling and doors

- Solid wood raised panel cabinet doors in living area and bedroom overheads, flat panel doors on base cabinets in dressing and bedroom
- Deluxe overhead storage doors with telestrut hardware; positive catches on all other doors
- Drawers with ball bearing roller guide design
- Dual lavy sinks

Cockpit

- Floor mats
- Ceramic tile flooring with designer accent at front entry

Living Area

- Plush carpet with deluxe pad
- Day/night shades with designer valances
- Booth dinette with slide-out storage drawers
- Dining table/cabinet with built-in table extension, two high-back wooden chairs and two wooden folding chairs

Kitchen Area

- Corian® kitchen countertop with Corian® sink covers
- Corian® countertop extension
N/A T396, T398 and T399
- Stainless steel® under-mount kitchen sink
- Slide-out pantry
- Wastebasket
- Rubbermaid® silverware organizer tray
- Deco tile and beveled mirror galley backsplash
- Ceramic tile flooring with designer accent
- Venetian blind and valance

Bath Area

- Ceramic tile flooring with designer accent
- Corian® lavy top
- Insulated skylight in shower
- Towel bars, towel rings and soap dishes
- Medicine cabinet
- Window, valance and blind in the private toilet room
- Stylish, decorative wall border

Bedroom Area

- Plush carpet with deluxe pad
- Day/night shades with designer valances
- "Sandpiper Deluxe" residential-style innerspring pillow top queen size mattress (60"x80")
- Pull out storage drawers below bed
- Bedspread, pillow and shams
- Cedar lining in wardrobe and bed storage compartment
- Rear wardrobe with mirrored sliding doors
- Wall dresser with drawers and laundry hamper
- Hardwood louvered washer/dryer doors below TV

ELECTRICAL SYSTEM & LIGHTING

- 50 Amp 120V distribution panel
- **NEW!** 50 Amp shore power cord with user-friendly exterior wall receptacle
- 12V push button circuit breaker distribution panel
- 40 watt solar panel
- Onan® 7.5 kW Quiet Diesel generator

- 2,000 watt inverter/converter with remote on/off switch
- (4) 6V deep cycle house batteries
- (2) 760 CCA 12V maintenance-free chassis batteries
- Systems monitor panel
- Battery disconnect switch
- Porch light
- 120V patio receptacle and telephone jack
- Three water pump switches (kitchen, bath and service station)
- Decorative overhead dining light fixture
- Decorative overhead bedroom light fixtures
- Cosmetic light in bathroom
- Stylish designer decorative light fixtures in living area
- Courtesy light at entry-door switch panel
- Fluorescent lights in ceiling with wall mounted switches
- Lights in exterior storage compartments

PLUMBING & LPG SYSTEMS

Coach Exterior

- Heated systems compartment with easy access to hook-ups
- Manual dump valves
- Pressurized water fill with regulator
- On demand water system and water pump
- Water heater bypass valve
- Winterization antifreeze inlet to pump
- Holding tank rinsing system (black tank only)
- Outside shower

Kitchen Area

- Water filter/faucet in kitchen
- Single lever faucet with detachable gooseneck sprayer

Bathroom Area

- Porcelain toilet with sprayer
- Designer glass shower enclosure
- One piece fiberglass shower
- Single lever lavy faucet
- Pre-plumbed for washer/dryer
- Combination washer/dryer
- 10 gallon, quick-recovery water heater with direct spark ignition (gas/electric)

SAFETY FEATURES

- Fire extinguisher
- Deadbolt lock on entrance door
- 120V GFI protected circuits (kitchen, bath and exterior)
- Smoke, carbon monoxide (CO) and LPG detectors
- Driver and passenger three point seatbelts
- Emergency exit window
- Deluxe acrylic exterior assist handle
- Full height interior entry assist handle

WINDOWS, DOORS & AWNINGS

- Insulated and tinted dual pane windows
- Power double entrance step with light and anti-skid surface
- Entrance door with clear glass, shade and screen door
- Tinted skylight in bathroom
- Ventilated windows on sides of slide-out rooms (lounge slides only)
- Entry door awning (awning hardware is black for Diamond package)
- Electric patio awning with metal cover (awning hardware is black for Diamond package)
- Slide-out topper awnings (awning hardware is black for Diamond package)

- Living room and bedroom window awning package (awning package is black for Diamond package)

CLIMATE CONTROL SYSTEMS

- Dual 13,500 BTU Duo-Therm® low profile Penguin® air conditioners with in-ceiling ducting
- Dual 20,000 BTU furnaces
- 12V roof exhaust fan in bathroom
- 12V Fan-Tastic® Vent with wall thermostat and rain sensor in living area
- Dash automotive heating and air conditioner system with defroster

FREIGHTLINER® XC CHASSIS SPECIFICATIONS

- Michelin® XRV-255/80R 22.5 LGR tires
- Steel wheels with simulators and valve extensions [aluminum alloy wheels (4) with (2) inner rear dual steel wheels (only available with Diamond package)]
- Full air brakes with ABS
- Neway® full air suspension system with manual air dump
- 4.78:1 drive axle ratio
- 100 gallon fuel capacity
- 10,000 lb. Class III hitch receiver with skid bar and six-pin electrical connector
- Leece-Neville® 160 amp alternator
- 3 years/50,000 miles warranty

CATERPILLAR® C7 ENGINE SPECIFICATIONS

- 7.2 liter displacement
- 350 HP @ 2,400 RPM peak horsepower
- 860 lb./ft. @ 1,440 RPM peak torque
- Pac Brake® engine/exhaust brake
- 5 years/6,000 operating hours warranty

ALLISON® MH3000 TRANSMISSION SPECIFICATIONS

- 6 speed automatic with 2 overdrive gears
- Touch pad electronic shifter with digital display
- 5 years/unlimited miles warranty

WEIGHT RATINGS (POUNDS)	T350	T350 LX	T351	T370	T370 LX	T396	T396 LX	T398	T397	T397 LX	T398	T398 LX	T399	T399 LX
Gross vehicle weight rating	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000	28,000
Gross combined weight rating	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000	38,000
Front gross axle weight rating	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500	10,500
Rear gross axle weight rating	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500	17,500
Unloaded weight rating	23,620	23,620	22,910	24,190	24,790	24,790	24,890	24,710	24,710	24,710	24,890	24,890	24,910	24,910
Maximum carrying capacity	4,380	4,380	5,090	3,810	3,210	3,210	3,110	3,290	3,290	3,290	3,110	3,110	3,090	3,090
Cargo carrying capacity	2,732	2,732	3,442	2,162	1,562	1,562	1,462	1,642	1,642	1,642	1,462	1,462	1,442	1,442

MEASUREMENTS	T350	T350 LX	T351	T370	T370 LX	T396	T396 LX	T398	T398 LX	T398	T398 LX	T399	T399 LX
Wheelbase	208"	208"	228"	228"	228"	252"	252"	252"	252"	252"	252"	252"	252"
Overall length	35' 5"	35' 5"	37' 1"	37' 1"	37' 1"	39' 1"	39' 1"	39' 1"	39' 1"	39' 1"	39' 1"	39' 1"	39' 1"
Overall height	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"	12' 1"
Overall Height (with sat. rec.)	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"	12' 5"
Interior height	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"	79½"
Interior Width	98"	98"	98"	98"	98"	98"	98"	98"	98"	98"	98"	98"	98"
Exterior width	102"	102"	102"	102"	102"	102"	102"	102"	102"	102"	102"	102"	102"

TANK CAPACITIES (GALLONS)	T350	T350 LX	T351	T370	T370 LX	T396	T396 LX	T398	T398 LX	T398	T398 LX	T399	T399 LX
Water heater capacity	10	10	10	10	10	10	10	10	10	10	10	10	10
Fresh water capacity (incl. w.h.)	105	105	105	105	105	105	105	105	105	105	105	105	105
Gray tank capacity	60	60	60	60	60	60	60	60	60	60	60	60	60
Black tank capacity	40	40	40	40	40	40	40	40	40	40	40	40	40
LP-Gas (volume w.c.)	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
Fuel tank capacity	100	100	100	100	100	100	100	100	100	100	100	100	100

NOTE: Due to continuing product improvements, specifications and equipment are subject to change without notice. Weights stated are based on a typical build of standard and optional equipment, but some variance in weights from coach to coach is normal and to be expected. **Please consider these factors BEFORE you buy.**

EXTERIOR & INTERIOR COLOR CHOICES

EXTERIOR GRAPHICS

INTERIOR DECORS

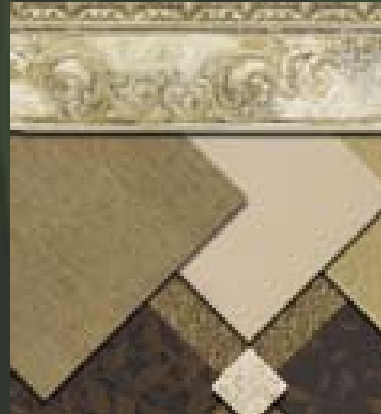
TROPI-CAL



Cappuccino



Rainforest



Cappuccino



Rainforest

TROPI-CAL LX



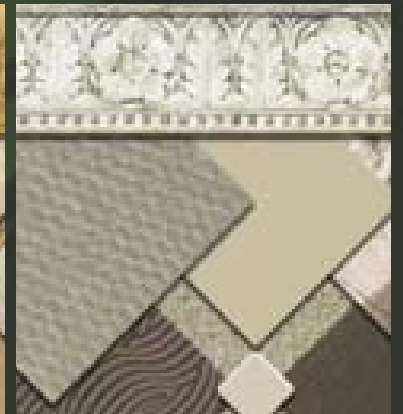
Barcelona



Platinum



Barcelona



Platinum

TROPI-CAL LX DIAMOND PACKAGE



Desert

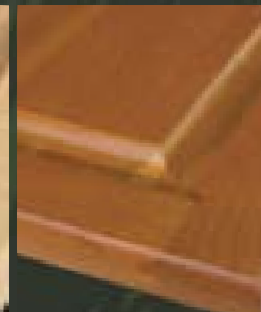


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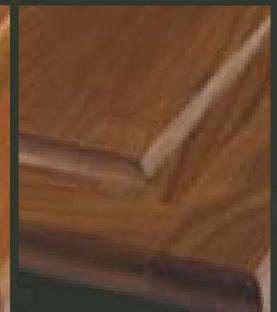
INTERIOR WOOD FINISHES



Maple (standard)



Cherry (optional)



Walnut (optional)

CLICK ON www.nationalrv.com
FOR MORE INFORMATION

NATIONAL R.V., INC.

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www.nationalrv.com

YOUR AUTHORIZED TROPI-CAL DEALER IS: